Minnesota Manufacturing Business Conditions Survey Methodology

Year End 2019

The ReferenceUSA database of Minnesota Manufacturers provided the population of 8,693 manufacturing establishments for the survey. A random sample of 1,000 businesses was drawn from the population. Three mailings of a post card survey were sent to each of the selected businesses between November 25th and January 6th. The cutoff for survey responses was January 17, 2020.

A total of 220 usable surveys were received, for a response rate of 20 percent. Of the usable surveys, 37 were from respondents indicating that their specific location had no manufacturing on site. Additional surveys were returned as undeliverable or were unusable. Survey results were tabulated for all manufacturers with manufacturing on site.

The confidence interval for sampling error was calculated. The 95 percent confidence interval for the table of results for all manufacturers is plus or minus 6.5 percentage points.